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PTO/SB/05 (11-00)

Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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|--|--|--|--|
| <b>UTILITY<br/>PATENT APPLICATION<br/>TRANSMITTAL</b><br><br><small>(Only for new nonprovisional applications under 37 C.F.R. 1.53(b))</small> |  | Attorney Docket No. <b>FOM-139.02</b>                                  |  |
|  |  | First Inventor <b>Champion</b>   |  |
|  |  | Title <b>Determining Levels of Substances Using Multistatic Probes</b> |  |
| Express Mail Label No. <b>EV327705041US</b>  |  |  |  |

  

|   |  |                 |  |
|---|--|-----------------|--|
| <b>APPLICATION ELEMENTS</b><br><small>See MPEP chapter 600 concerning utility patent application contents.</small>  | <b>ADDRESS TO:</b><br>Commissioner for Patents<br>Mail Stop Patent Application<br>P.O. Box 1450<br>Alexandria VA 22313-1450  |                 |  |
| <p>1. <input checked="" type="checkbox"/> <b>Fee Transmittal Form</b> (e.g., PTO/SB/17)<br/><small>(Submit an original and a duplicate for fee processing)</small></p> <p>2. <input type="checkbox"/> Applicant claims small entity status.<br/>See 37 CFR 1.27.</p> <p>3. <input checked="" type="checkbox"/> <b>Specification</b> [Total Pages <span style="border: 1px solid black; padding: 0 10px;">31</span>]<br/><small>(preferred arrangement set forth below)</small><br/>- Descriptive title of the Invention<br/>- Cross References to Related Applications<br/>- Statement Regarding Fed sponsored R &amp; D<br/>- Reference to sequence listing, a table, or a computer program listing appendix<br/>- Background of the Invention<br/>- Brief Summary of the Invention<br/>- Brief Description of the Drawings (if filed)<br/>- Detailed Description<br/>- Claim(s)<br/>- Abstract of the Disclosure<br/>- Appendix A, Appendix B, and Appendix C</p> <p>4. <input checked="" type="checkbox"/> <b>Drawing(s)</b> (35 U.S.C.113) [Total Sheets <span style="border: 1px solid black; padding: 0 10px;">9</span> ]</p> <p>5. <b>Oath or Declaration</b> [Total Pages <span style="border: 1px solid black; padding: 0 10px;">3</span> ]</p> <p style="margin-left: 20px;">a. <input checked="" type="checkbox"/> Newly executed (original or copy)</p> <p style="margin-left: 20px;">b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63 (d))<br/><small>(for a continuation/divisional with Box 18 completed)</small></p> <p style="margin-left: 20px;">i. <input type="checkbox"/> <b>DELETION OF INVENTOR(S)</b><br/><small>Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).</small></p> <p>6. <input checked="" type="checkbox"/> <b>Application Data Sheet.</b> See 37 CFR 1.76</p> | <p>7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program <i>(Appendix)</i></p> <p>8. Nucleotide and/or Amino Acid Sequence Submission <i>(if applicable, all necessary)</i></p> <p style="margin-left: 20px;">a. <input type="checkbox"/> Computer Readable Form (CRF)</p> <p style="margin-left: 20px;">b. Specification Sequence Listing on:</p> <p style="margin-left: 40px;">i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or</p> <p style="margin-left: 40px;">ii. <input type="checkbox"/> paper</p> <p style="margin-left: 20px;">c. <input type="checkbox"/> Statements verifying identity of above copies</p> |                 |  |
| <b>ACCOMPANYING APPLICATIONS PARTS</b>  |  |                 |  |
| <p>9. <input type="checkbox"/> Assignment Papers (cover sheet &amp; document(s))</p> <p>10. <input type="checkbox"/> 37 C.F.R. §3.73(b) Statement <input type="checkbox"/> Power of Attorney<br/><small>(when there is an assignee)</small></p> <p>11. <input type="checkbox"/> English Translation Document <i>(if applicable)</i></p> <p>12. <input checked="" type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input checked="" type="checkbox"/> Copies of IDS Citations</p> <p>13. <input type="checkbox"/> Preliminary Amendment</p> <p>14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503)<br/><small>(Should be specifically itemized)</small></p> <p>15. <input type="checkbox"/> Certified Copy of Priority Document(s)<br/><small>(if foreign priority is claimed)</small></p> <p>16. <input type="checkbox"/> Request and Certification under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.</p> <p>17. <input checked="" type="checkbox"/> Other: <b>Certificate of Express Mailing, Check in the amount of \$822.00</b></p>   |  |                 |  |
| <p>18. If a <b>CONTINUING APPLICATION</b>, SEE APPLICATION DATA SHEET:</p> <p><b>For CONTINUATION or DIVISIONAL APPS only:</b> The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying or divisional application and is hereby incorporated by reference. The incorporation <u>can only</u> be relied upon when a portion has been inadvertently omitted from the submitted application parts.</p>   |  |                 |  |
| <b>17. CORRESPONDENCE ADDRESS</b>   |  |                 |  |
| <p><input checked="" type="checkbox"/> Customer Number or Bar Code Label <span style="border: 1px solid black; padding: 5px; font-size: 1.2em; margin: 0 20px;">25181</span> or <input type="checkbox"/> Correspondence address below</p> <p><small>(Insert Customer No. or Attach bar code label here)</small></p>   |  |                 |  |
| <b>Name</b>   |  |                 |  |
| <b>Address</b>  |  |                 |  |
| <b>City</b>   | <b>State</b>   | <b>Zip Code</b> |  |
| <b>Country</b>  | <b>Telephone</b>   | <b>Fax</b>      |  |

  

|                          |                   |  |                   |
|--------------------------|-------------------|--|-------------------|
| <b>Name (Print/Type)</b> | Elias C. Behrakis | <b>Registration No. (Attorney/Agent)</b> | 47,416            |
| <b>Signature</b>         |                   | <b>Date</b>                              | September 9, 2003 |

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PTO/SB17 (10-01)

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09/09/03

**FEE TRANSMITTAL  
for FY 2003**

Patent fees are subject to annual revision.

**TOTAL AMOUNT OF PAYMENT** (\$) 822.00**Complete if Known**

Application Number

Filing Date

First Named Inventor

Examiner Name

Group / Art Unit

Herewith

Champion

Attorney Docket No.

FOM-139.02

**METHOD OF PAYMENT (check one)**

- 1.
- ☐
- The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit  
Account  
Number

06-1448

Deposit  
Account  
Name

Foley Hoag LLP

- ☒
- Charge Any Additional Fee Required
- 
- Under 37 CFR 1.16 and 1.17
- 
- ☐
- Applicant claims small entity status.
- 
- See 37 CFR 1.27

- 2.
- ☒
- Payment Enclosed:

- ☒
- Check
- ☐
- Credit card
- ☐
- Money
- 
- Order
- ☐
- Other

**FEE CALCULATION****1. BASIC FILING FEE**

| Large<br>Fee<br>Code | Entity<br>Fee<br>(\$) | Small<br>Fee<br>Code | Entity<br>Fee<br>(\$) | Fee Description        | Fee Paid |
|----------------------|-----------------------|----------------------|-----------------------|------------------------|----------|
| 1001                 | 750                   | 2001                 | 375                   | Utility filing fee     | 750      |
| 1002                 | 330                   | 2002                 | 165                   | Design filing fee      |          |
| 1003                 | 520                   | 2003                 | 260                   | Plant filing fee       |          |
| 1004                 | 750                   | 2004                 | 375                   | Reissue filing fee     |          |
| 1005                 | 160                   | 2005                 | 80                    | Provisional filing fee |          |

**SUBTOTAL (1)**

(\$)750

**2. EXTRA CLAIM FEES**

| Total Claims          | Extra<br>Claims | Fee from<br>below | Fee<br>Paid |
|-----------------------|-----------------|-------------------|-------------|
| 294                   | -20 = 4         | X 18 =            | 72          |
| Independent<br>Claims | 2               | -3 ** = 0         | X = 0       |
| Multiple<br>Dependent |                 | X =               | 0           |

| Large<br>Fee<br>Code | Entity<br>Fee<br>(\$) | Small<br>Fee<br>Code | Entity<br>Fee<br>(\$) | Fee Description  |
|----------------------|-----------------------|----------------------|-----------------------|--|
| 1202                 | 18                    | 2202                 | 9                     | Claims in excess of 20                                     |
| 1201                 | 84                    | 2201                 | 42                    | Independent claims in excess of 3                          |
| 1203                 | 280                   | 2203                 | 140                   | Multiple dependent claim, if not paid                      |
| 1204                 | 84                    | 2204                 | 42                    | ** Reissue independent claims over original patent         |
| 1205                 | 18                    | 2205                 | 9                     | ** Reissue claims in excess of 20 and over original patent |

**SUBTOTAL (2)**

(\$) 72

\*\*or number previously paid, if greater; For Reissues, see above

**FEE CALCULATION (continued)****3. ADDITIONAL FEES**

| Fee<br>Code | Large<br>Entity<br>Fee<br>(\$) | Fee<br>Code | Small<br>Entity<br>Fee<br>(\$) | Fee Description  | Fee<br>Paid |
|-------------|--------------------------------|-------------|--------------------------------|--|-------------|
| 1051        | 130                            | 2051        | 65                             | Surcharge - late filing fee or oath  |             |
| 1052        | 50                             | 2052        | 25                             | Surcharge - late provisional filing fee or cover sheet.                    |             |
| 1053        | 130                            | 1053        | 130                            | Non-English specification  |             |
| 1812        | 2,520                          | 1812        | 2,520                          | For filing a request for reexamination                                     |             |
| 1804        | 920*                           | 1804        | 920*                           | Requesting publication of SIR prior to Examiner action                     |             |
| 1805        | 1,840*                         | 1805        | 1,840*                         | Requesting publication of SIR after Examiner action                        |             |
| 1251        | 110                            | 2251        | 55                             | Extension for reply within first month                                     |             |
| 1252        | 410                            | 2252        | 205                            | Extension for reply within second month                                    |             |
| 1253        | 930                            | 2253        | 465                            | Extension for reply within third month                                     |             |
| 1254        | 1,450                          | 2254        | 725                            | Extension for reply within fourth month                                    |             |
| 1255        | 1,970                          | 2255        | 985                            | Extension for reply within fifth month                                     |             |
| 1401        | 320                            | 2401        | 160                            | Notice of Appeal   |             |
| 1402        | 320                            | 2402        | 160                            | Filing a brief in support of an appeal                                     |             |
| 1403        | 280                            | 2403        | 140                            | Request for oral hearing   |             |
| 1451        | 1,510                          | 1451        | 1,510                          | Petition to institute a public use proceeding                              |             |
| 1452        | 110                            | 2452        | 55                             | Petition to revive - unavoidable   |             |
| 1453        | 1,300                          | 2453        | 650                            | Petition to revive - unintentional   |             |
| 1501        | 1,300                          | 2501        | 650                            | Utility issue fee (or reissue)   |             |
| 1502        | 470                            | 2502        | 235                            | Design issue fee   |             |
| 1503        | 630                            | 2503        | 315                            | Plant issue fee  |             |
| 1460        | 130                            | 1460        | 130                            | Petitions to the Commissioner  |             |
| 1807        | 50                             | 1807        | 50                             | Processing fee under 37 CFR 1.17 (q)                                       |             |
| 1806        | 180                            | 1806        | 180                            | Submission of Information Disclosure Stmt                                  |             |
| 8021        | 40                             | 8021        | 40                             | Recording each patent assignment per property (times number of properties) |             |
| 1809        | 750                            | 2809        | 375                            | Filing a submission after final rejection (37 CFR § 1.129(a))              |             |
| 1810        | 750                            | 2810        | 375                            | For each additional invention to be examined (37 CFR § 1.129(b))           |             |
| 1801        | 750                            | 2801        | 375                            | Request for Continued Examination -RCE                                     |             |
| 1802        | 900                            | 1802        | 900                            | Request for expedited examination of a design application                  |             |

Other fee (specify) \_\_\_\_\_

\*Reduced by Basic Filing Fee Paid

**SUBTOTAL (3)**

(\$) 0

**SUBMITTED BY****Complete (if applicable)**

Name (Print/Type)

Elias C. Behrakis

Registration No. Attorney/Agent)

47,416

Telephone

617-832-1191

Signature

*Elias Behrakis*

Date

September 9, 2003

## Certificate of Express Mailing under 37 CFR 1.10

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as Express Mail in an envelope addressed to:

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on **September 9, 2003.**

Date



Signature



Typed or printed name of person signing Certificate

World Trade Center West  
155 Seaport Blvd.  
Boston, MA 02210

Attorney Docket No: **FOM-139.02**

Submission Consisting of: **Utility Application Transmittal (1 pg.); Fee Transmittal Form (1 pg.); Certificate of Express Mailing (1 pg.); Application Data Sheet (3 pgs.); Declaration (3 pgs.); Utility Patent Application consisting of Specification (31 pgs.) and Drawings (9 sheets); Information Disclosure Statement (2 pgs.); Form PTO-1449 (1 pg.); copies of references A1-A7 & C1-C3; check in the amount of \$822; and a return receipt postcard.**

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